Clinical Technologist Training & the IPEM Clinical Technologist Training Scheme

Modernising Scientific Careers: Career and Training Pathways

Career and Training Pathways for the UK Healthcare Science Workforce
Clinical Technologist Training & the IPEM Clinical Technologist Training Scheme

Overarching body for HCS
- Formed from representatives of 21 professional bodies (councils)
- Operates as a company

Function
- Holds the ‘Accredited voluntary register for HCS’
- Equivalence
- QA for Education and Training
- Produce common standards

Prof Berne Ferry – Head of School
Dr Richard Scott – Professional lead, Clinical Engineering
Claire Hardiman – Professional lead, Medical Physics

• Established - October 2011
• To oversee healthcare science training programmes and quality assure the training and delivery.

Functions
• Recruitment – STP (Scientist Training Programme)
• Recruitment – HSST (Higher Specialist Scientist Training)
• Supporting trainees and training officers
• National Assessment of trainees (STP/HSST)
• Work place accreditation and quality monitoring
• HEI (Higher Education Institutions) Accreditation
• Curriculum Maintenance

Induction Day, 21st November 2017
Practitioner Training Programme (PTP)
– 91 accredited BSc courses; 25 providers but...

**Medical Physics**
- Cumbria – Radiotherapy Physics, Nuclear Medicine, Radiation Physics.
- Swansea – Radiotherapy Physics, Nuclear Medicine
- University of West of England – Radiotherapy Physics, Nuclear Medicine, Radiation Physics – Starts September 2018
- Liverpool and De Montfort – Not currently running

**Clinical Engineering**
- University of West of England – Medical, Rehabilitation, Renal and Radiation Engineering.
- Bradford and Middlesex – Not currently running

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**Practitioner Training Programme (PTP)**

- Issues in a number of specialisms
  - Poor recruitment
  - Lack of understanding in schools
  - Placement capacity and awareness
  - Funding model

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**Practitioner Training Programme (PTP)**

**Common Curriculum**

- [Link](https://www.ipec.ac.uk)

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**Induction Day, 21st November 2017**
Where are we now?

- Clinical Technologist: The physical sciences term for practitioner

- Two routes to registration:
  - Approved training programme
    - PTP Accredited degree
    - IPEM Clinical Technologist Training Scheme
    - ART Training Scheme
  - Equivalence (already well established doing the job)

- Both require:
  - Appropriate academic qualification
  - Evidence of competence (portfolio)

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**INSTITUTE OF PHYSICS AND ENGINEERING IN MEDICINE**

**IPEM**

**Training Scheme for Clinical Technologist**

(Healthcare Science Practitioners)

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**Figure 1**

Schematic Representation of IPEM Routes of training timescales given are nominal.

After a further 3 year period of practice (See membership criteria for other possible routes of membership)

Eligible to become a full Member of IPEM

EDUCATION ONLY

ROUTE

Entrant has already achieved level of education required but not in the specific area of knowledge required. Entrant will not have significant relevant practical skills.

The entrant requires specific academic knowledge which by preference would be delivered by an academic institution resulting in an academic qualification e.g. GradDip, PgDip

IPEM DIPLOMA IN CLINICAL TECHNOLOGY

Competent to practice unsupervised

Up to 2 years

Assessment - Portfolio, Practical observation and VIVA

Eligible to join the REGISTER OF CLINICAL TECHNOLOGISTS (RCT)

Only applicable to those whose training matches the Scope of Practice criteria defined by the RC

Ongoing requirement to complete CPD programme
Clinical Technologist Training & the IPEM Clinical Technologist Training Scheme

Applications received between April – September
Applications received between October – March

Enrolment: September
Enrolment: February
Enrolment: November
Enrolment: May
20 months training period
20 months training period

Induction: November
Induction: May
Induction: August
Induction: February

20 months training period
20 months training period

Exams: September
Exams: March

20 months training period
20 months training period

VIVA: November
VIVA: May
VIVA: August
VIVA: February

Headlines
- Two Enrolment dates per year
- Two Induction dates per year
- Supervisors continually assess
- Moderators visit once per year
- Portfolio submission and Viva date set at enrolment
- Two Viva dates per year – set at enrolment

Registration
IPEM Diploma in Clinical Technology

Induction Day, 21st November 2017